

# Smart READING



Word App

Word Count • 170  
Lexile® • 450L-650L

# 5.3



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# Pedals and People

Unit  
**1** **Bicycles over Time**

Unit  
**2** **Jobs on Bicycles**

## Faster, Higher, Greater

Unit  
**3** **Jesse Owens**

Unit  
**4** **The Moon Shoe**



## Social Studies



Bicycles have changed many times over the years. Their size has changed. Their material has changed. Their design has changed. But one thing has never changed: their usefulness.

## Sports



How do people become great? Great people not only do great things, they do great things in a great way. Can you think of some great people?



Unit

1

# Bicycles over Time



Q

What are the boy and his mom riding?



## Key Words



**A** Listen and repeat the words.

02

1.



pedal

2.



wooden

3.



rider

4.



attach

5.



steel

6.



brake

**B** Choose and write the correct words.

riders

wooden

brake

pedals

steel

attached

1. There is a \_\_\_\_\_ barn. It was built with wood.

2. All bicycle \_\_\_\_\_ should wear helmets.

3. Push the \_\_\_\_\_ on your bicycle to move forward.

4. Use the \_\_\_\_\_ to stop your bicycle.

5. The \_\_\_\_\_ bridge is very strong.

6. A poster about a lost dog is \_\_\_\_\_ to the tree.



# Bicycles over Time

## While You Read

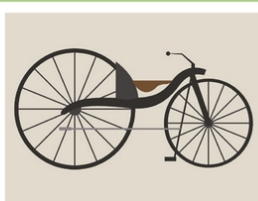
When was the first bicycle invented?

03

Today, people ride bicycles everywhere. They sit on their bicycles and push the **pedals** to make them move. But riding bicycles was not always this way. In fact, the first bicycle had no pedals at all.



1817



1860s



1870s



1885

**invent** to make something for the first time  
**frame** the structure that supports something





In 1817, the first bicycle was invented. It only had a **wooden** frame and two wheels. So **riders** had to use their own feet to move it forward.

A half century later, in the 1860s, the bicycle finally got its pedals. They were **attached** to the front wheel. However, it was very difficult to turn the pedals.

In the 1870s, the “penny-farthing” was invented. It was a **steel** bicycle with rubber tires and a **brake**. It looked strange because of its large front wheel and much smaller rear wheel. It could go faster, but its high seat made it dangerous to ride.

In 1885, the “safety bike” was invented. It had two similar-sized wheels, air-filled rubber tires, and a rear-wheel chain. These things made the bicycle safer and more like a modern bicycle.

**rear** at the back  
**modern** present day



## Comprehension Check

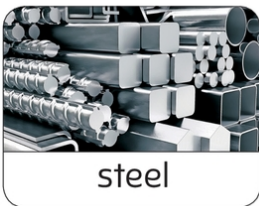
● Choose or write the correct answers.

1. What is the passage mainly about?

- Ⓐ the first bicycle
- Ⓑ the way to ride a bicycle
- Ⓒ the history of the bicycle

2. The first bicycle had a \_\_\_\_\_ frame.

Ⓐ



Ⓑ



Ⓒ



3. What is NOT true about the penny-farthing?

- Ⓐ It was made of wood.
- Ⓑ It was dangerous to ride.
- Ⓒ It had a large front wheel.

4. What did the safety bike have?

➔ It had two similar-sized \_\_\_\_\_, air-filled rubber \_\_\_\_\_, and a rear-wheel chain.

### BACK TO THE PASSAGE

5. People riding on the bike had to make it go forward with their feet.

= \_\_\_\_\_ had to use their own feet to move it forward.

6. The pedals were connected to the wheel in the front.

= The pedals were \_\_\_\_\_ to the front wheel.